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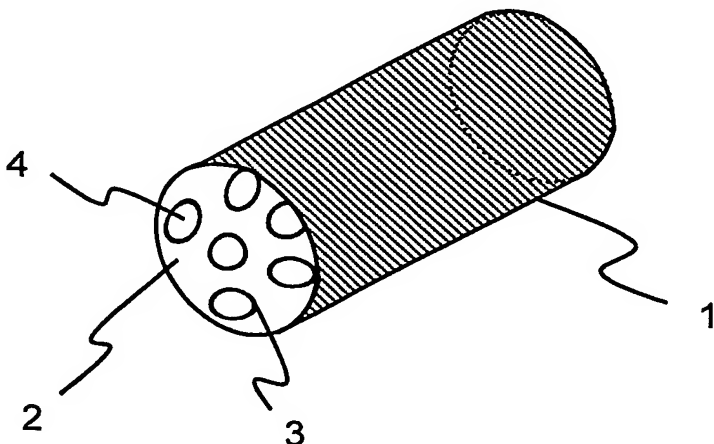
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(54) Title: SURFACE WITH REDUCED PARTICLE DEPOSITION AND REDUCED ICE FORMATION



(57) Abstract: The invention relates in general to surfaces along which media, e.g. gases, liquids or multi-phase mixtures are flowing, especially to a device for transportation of a flowing medium and/or for heat exchange between a flowing medium and the device and also to the application of such devices. For reducing particle deposition and ice formation on a surface along which a medium flows, the invention proposes a surface with dimples, the edges of which are rounded, thereby forming a central dimple area and at least one curvature area for each dimple, which continuously connects the dimple to the surrounding surface. The invention further proposes a layer comprising the surface, methods for producing the surface and also the application of a device provided with such surface in an air-conditioning system.